

CLAIMS:

1. The process or method of screening transgenic and non-transgenic plants using an antibiotic / herbicide solution of Kanamycin:0.1% to 10%, Hygromycin 0.1% to 2.0%, or herbicide solution of Basta 0.1% to 3.0% dissolved in 0.01% solution of Tween 20 or Tween 80.
2. A product of herbicide or antibiotic solution obtained according to claim 1.
3. According to claim 1 wherein the application of the solution to the plant is external preferably to a leaf and the part of the application of the solution is observed for 1 to 12 days, preferably 6<sup>th</sup> or 7<sup>th</sup> day to get the result.
4. According to claim 1 wherein the leaf or application part of the plant turns yellowish or brownish after a period 1 to 12 days indicates the non-transgenic plants.
5. According to claim 1 wherein the leaf or application part of the plant remains green after a period of 1-12 days indicates the transgenic plants.

6. According to claim 1 wherein the Kanamycin used is of 0.1% to 10% and preferably between 2.0% to 5.0%.
7. According to claim 1 wherein the Hygromycin used is of 0.1% to 2.0% and preferably between 0.25% to 1.0%.
8. According to claim 1 wherein Basta used is of 0.1% to 3.0% and preferably between 0.25% to 2.5%.